

Server Components Supporting Application Delivery & Execution License

DECODED - SOURCE

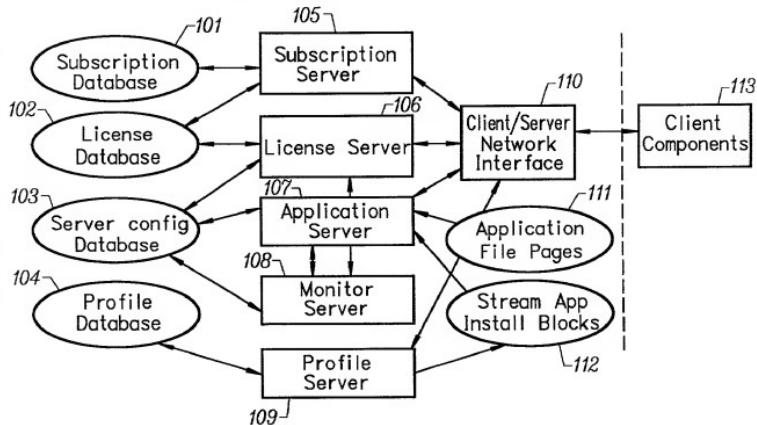


FIG. 1

Client Components Supporting Application Delivery & Execution

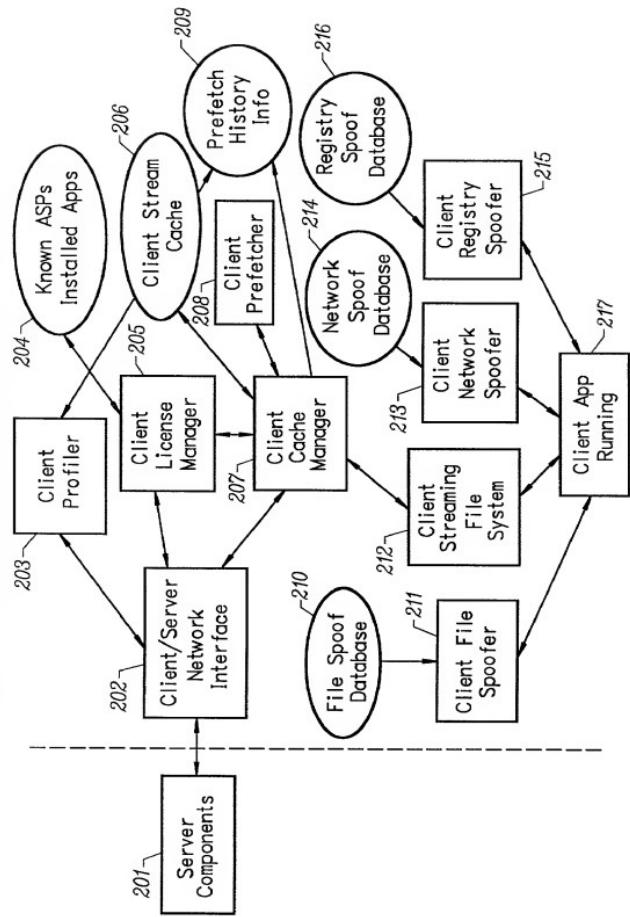


FIG. 2

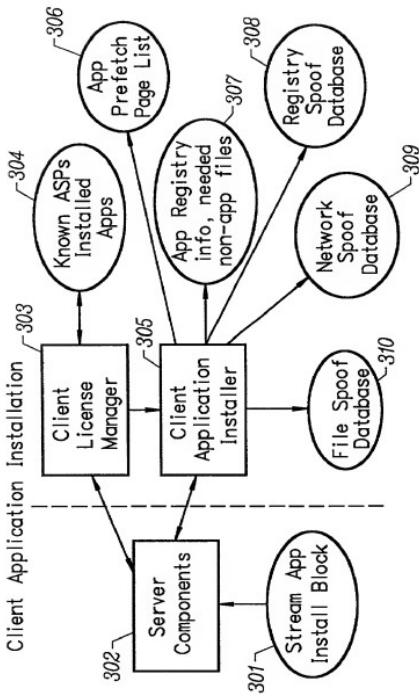


FIG. 3

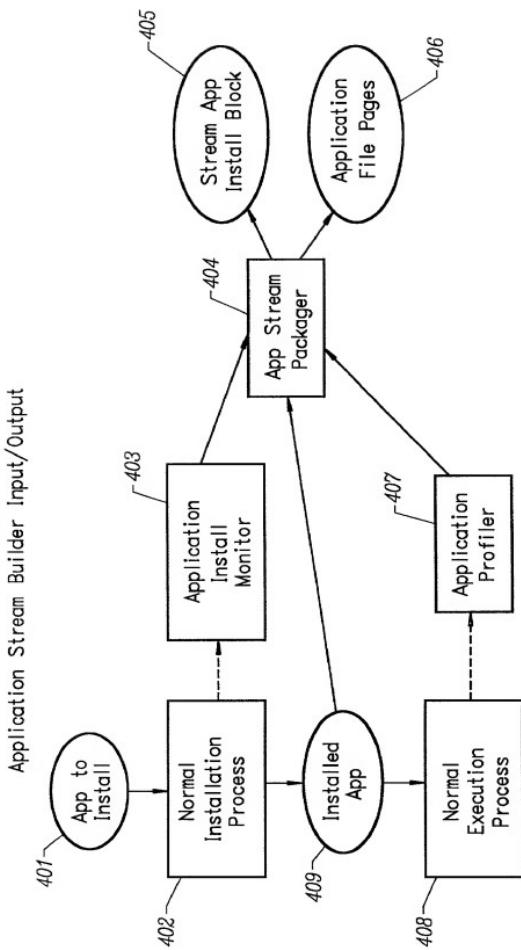


FIG. 4

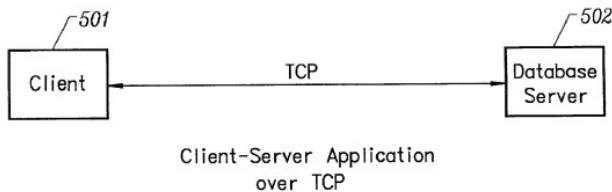


FIG. 5A

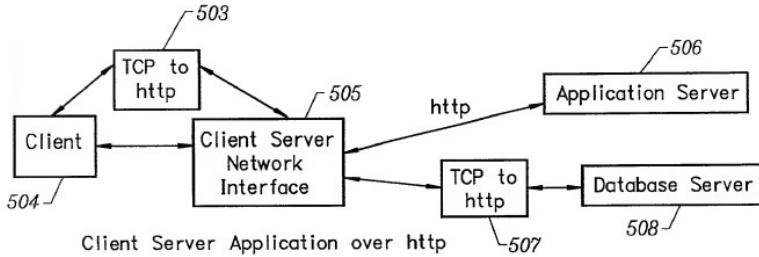


FIG. 5B

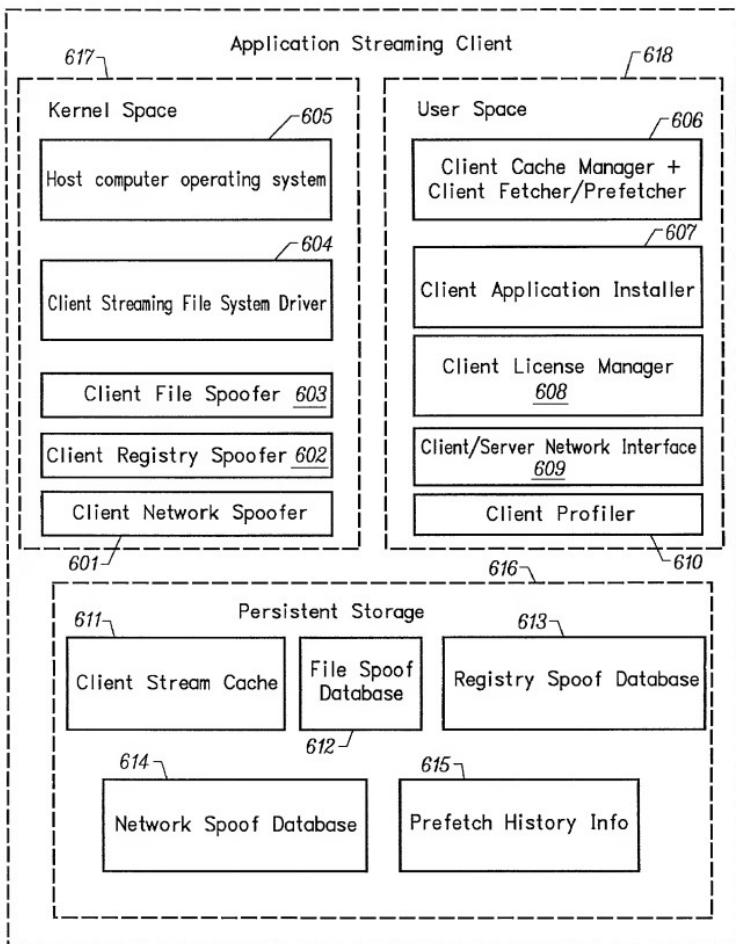


FIG. 6A

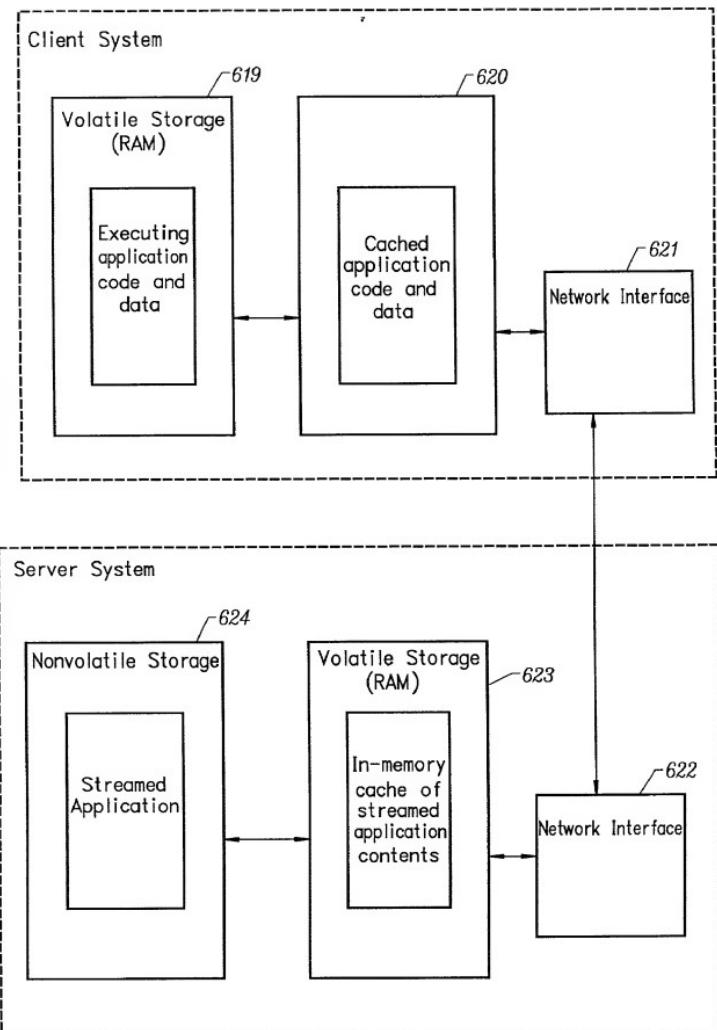


FIG. 6B

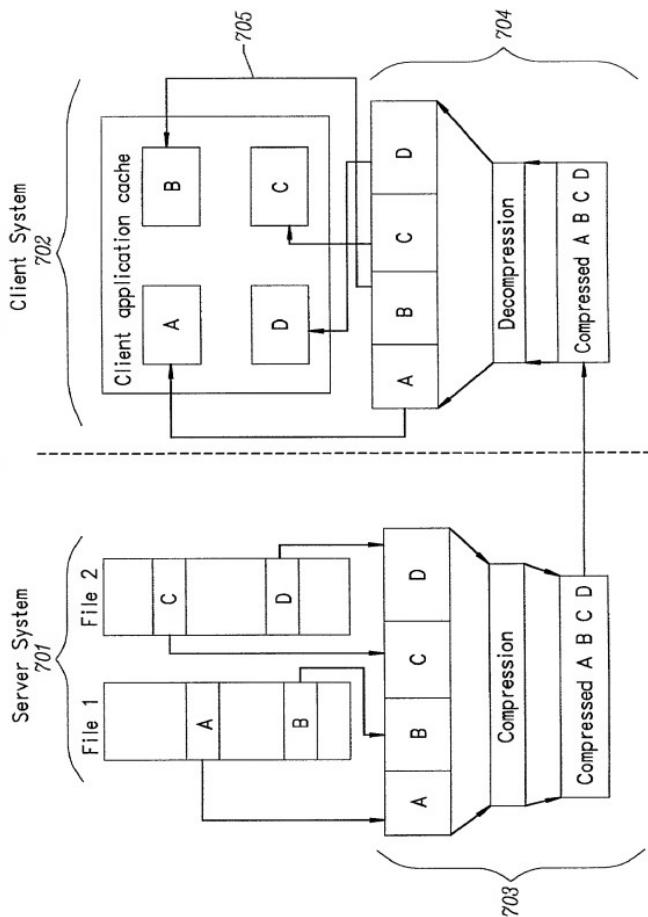


FIG. 7A

FIGURE 7092360

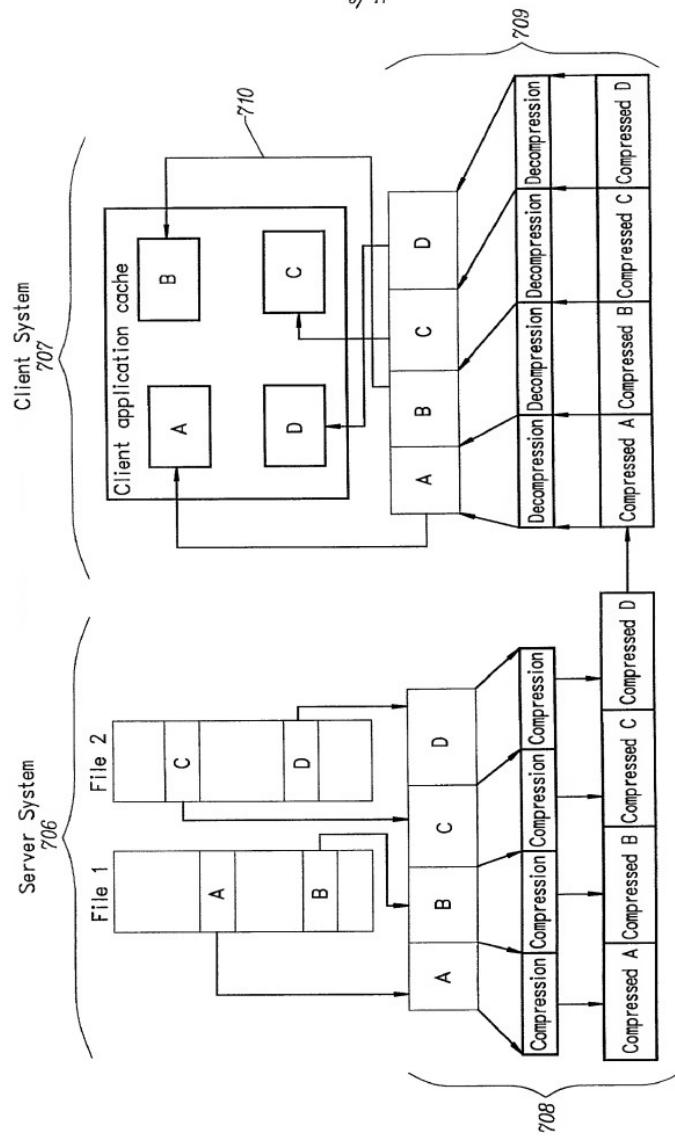


FIG. 7B

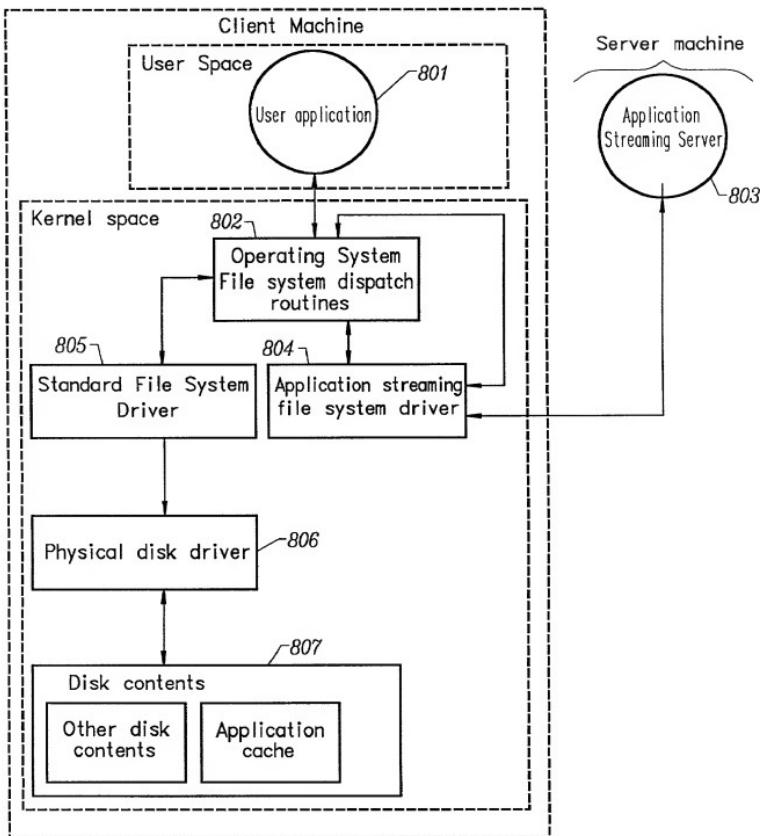


FIG. 8

US20040120932A1

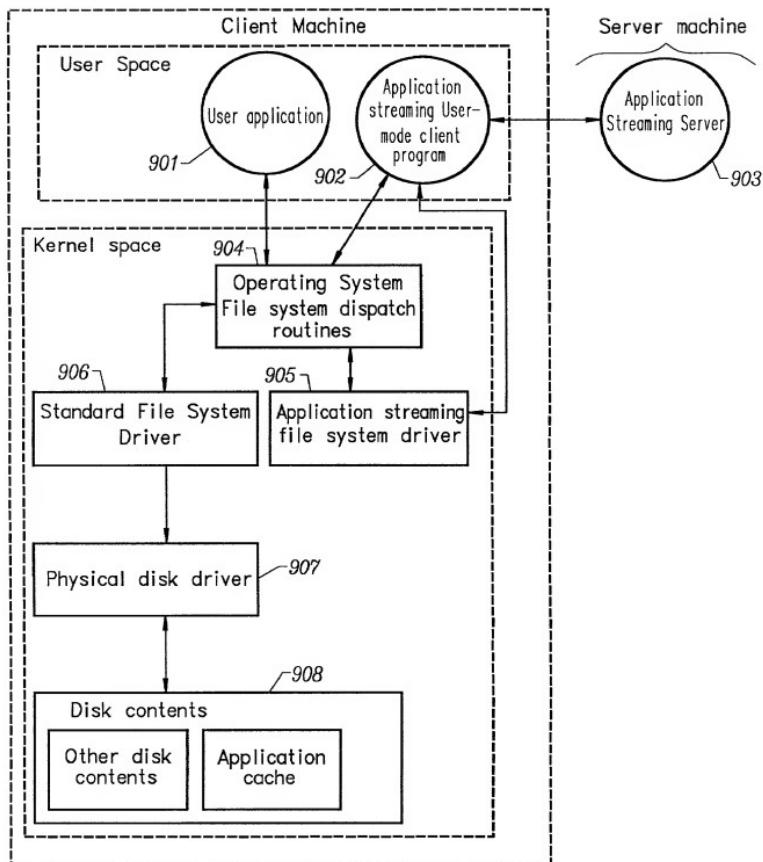


FIG. 9

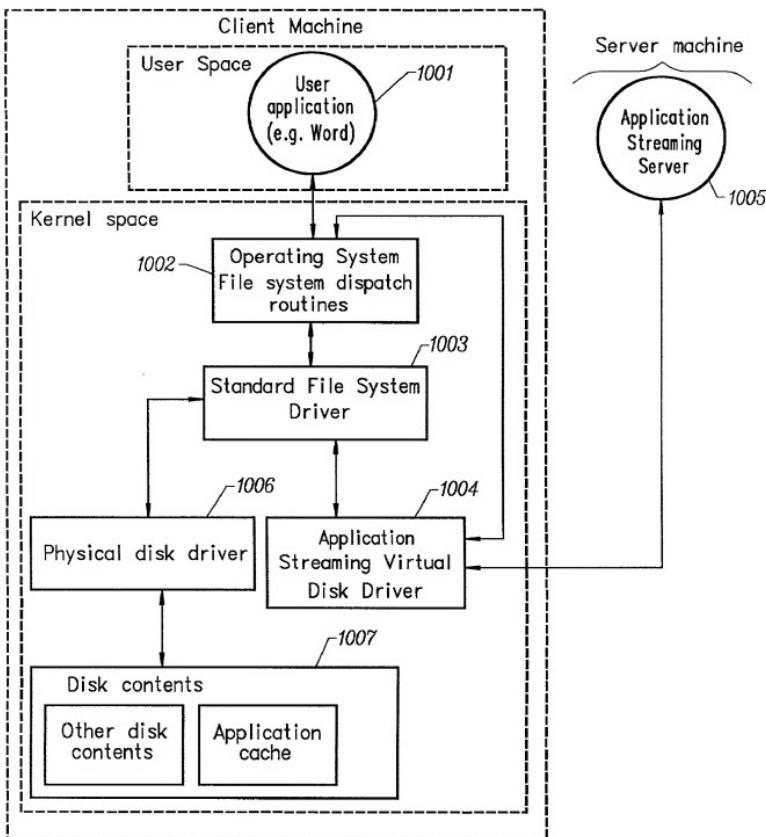


FIG. 10

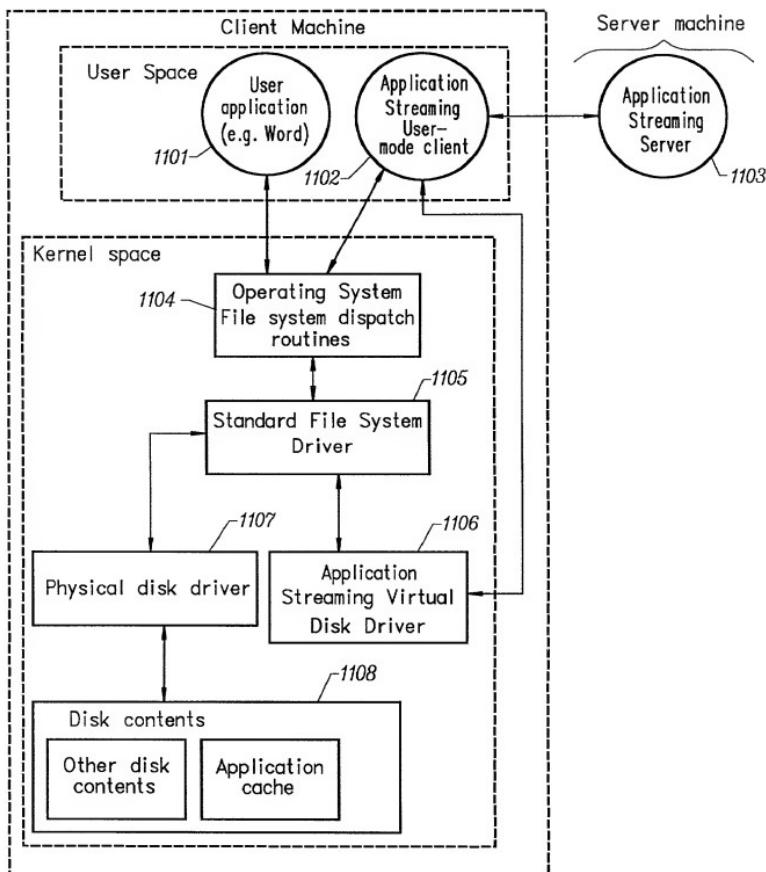
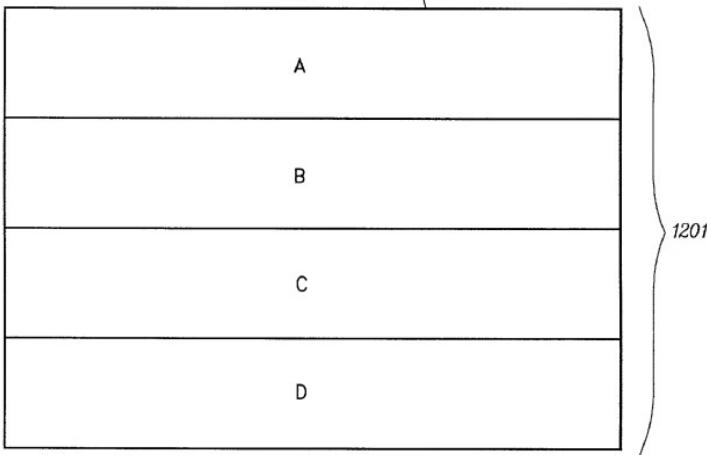


FIG. 11

Unencrypted Cache



Encrypted Cache

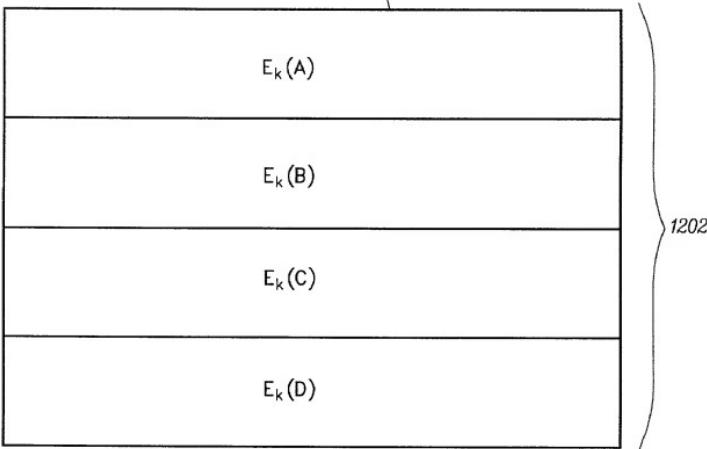


FIG. 12

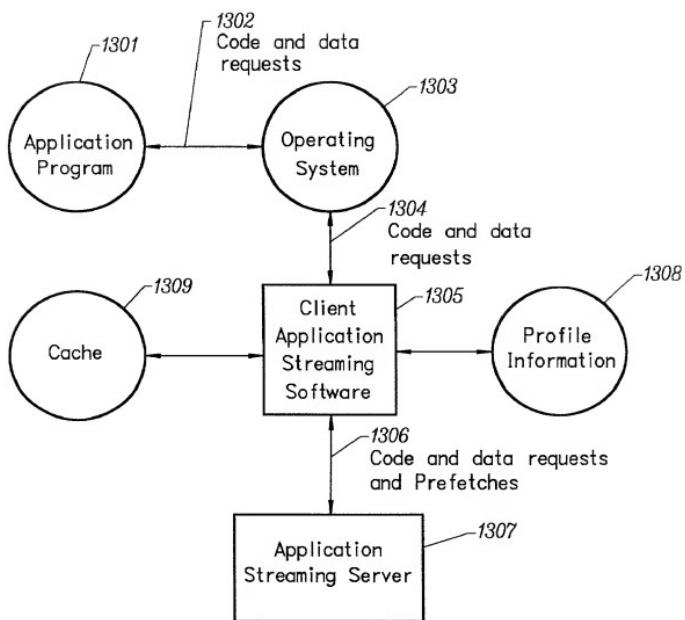


FIG. 13

125047747360

0038307-DRAFT001

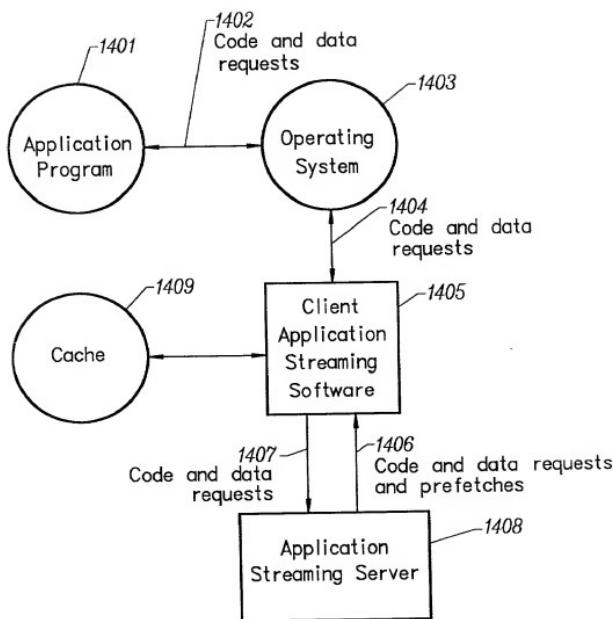


FIG. 14

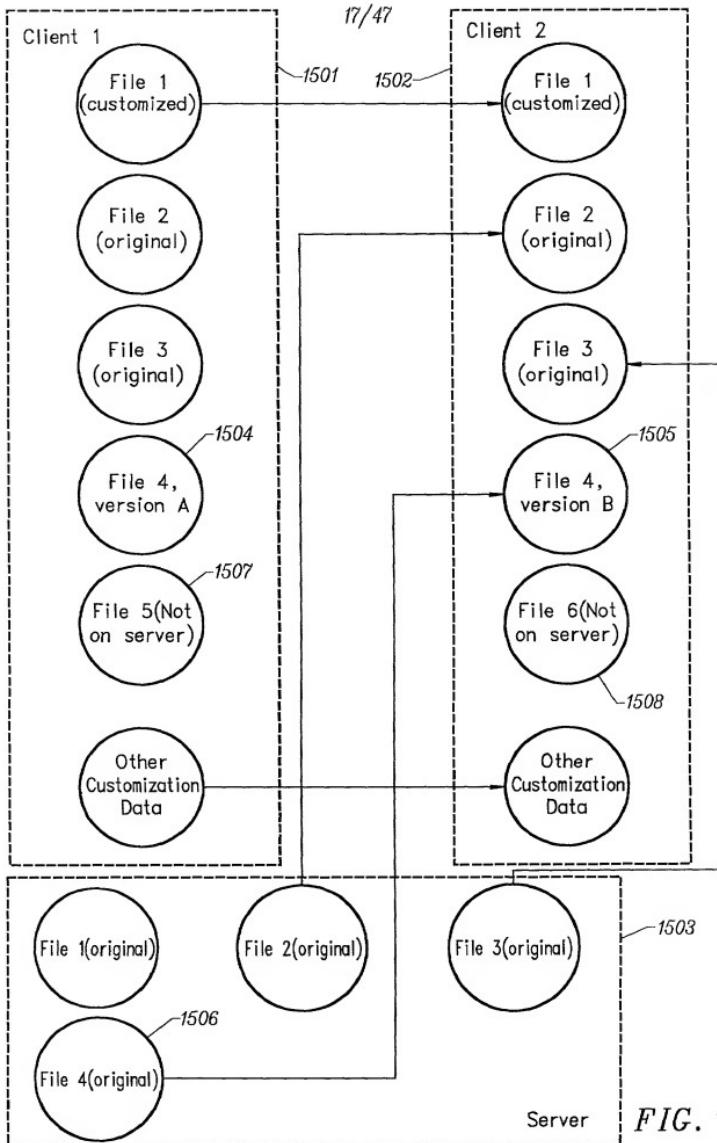


FIG. 15

105040-20992860

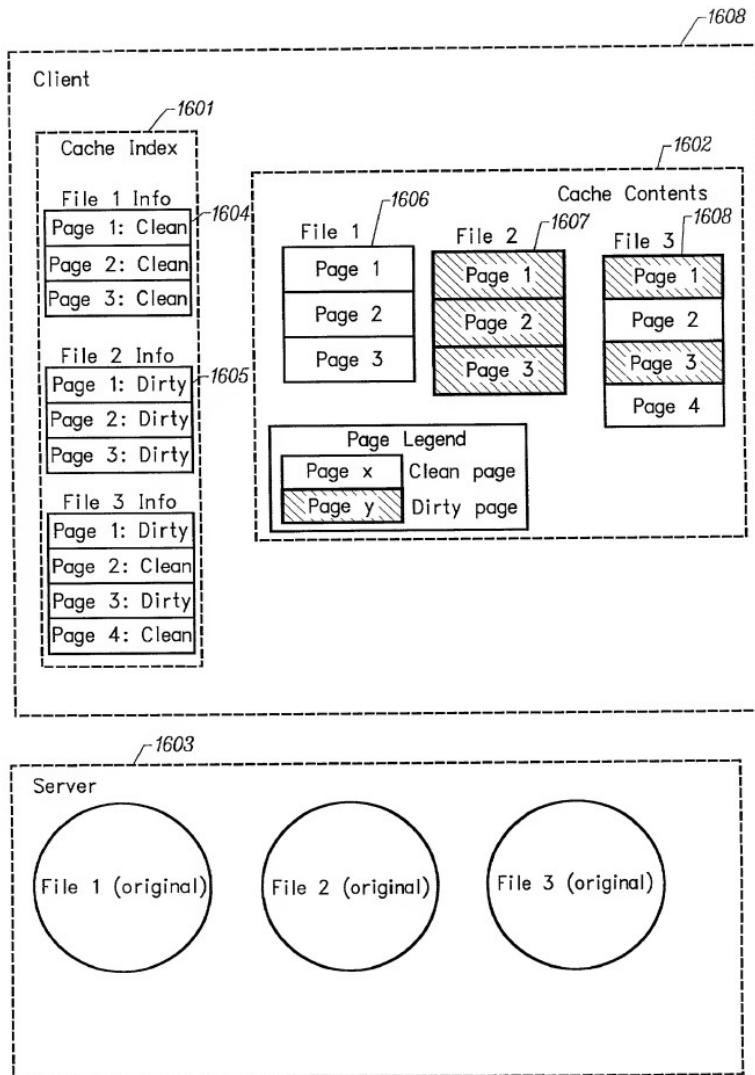


FIG. 16

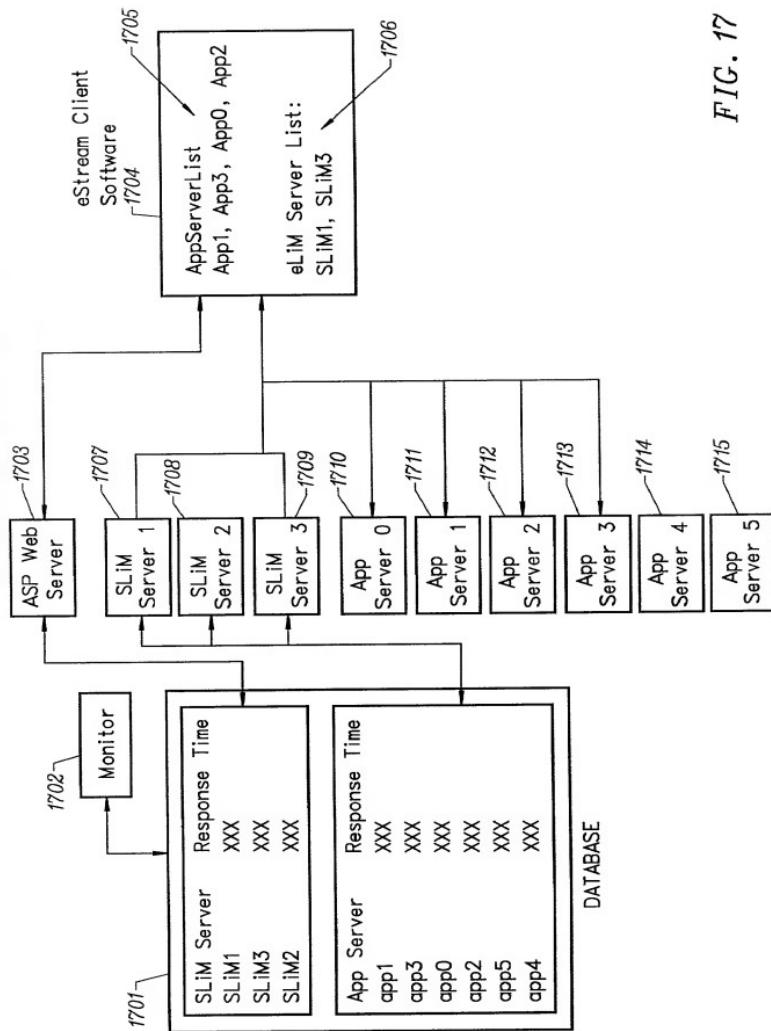
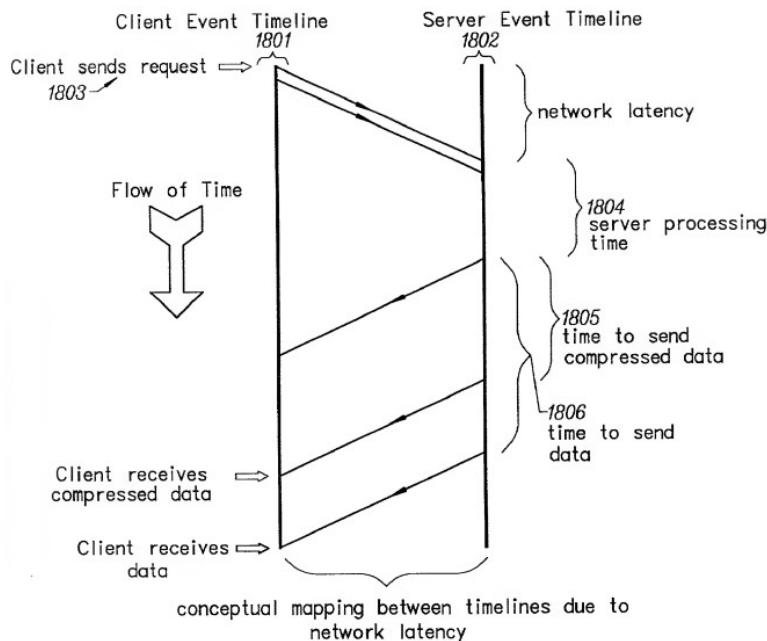


FIG. 17

DATAFLOW = DATA + TIME



Client receives data sooner if it is compressed

FIG. 18

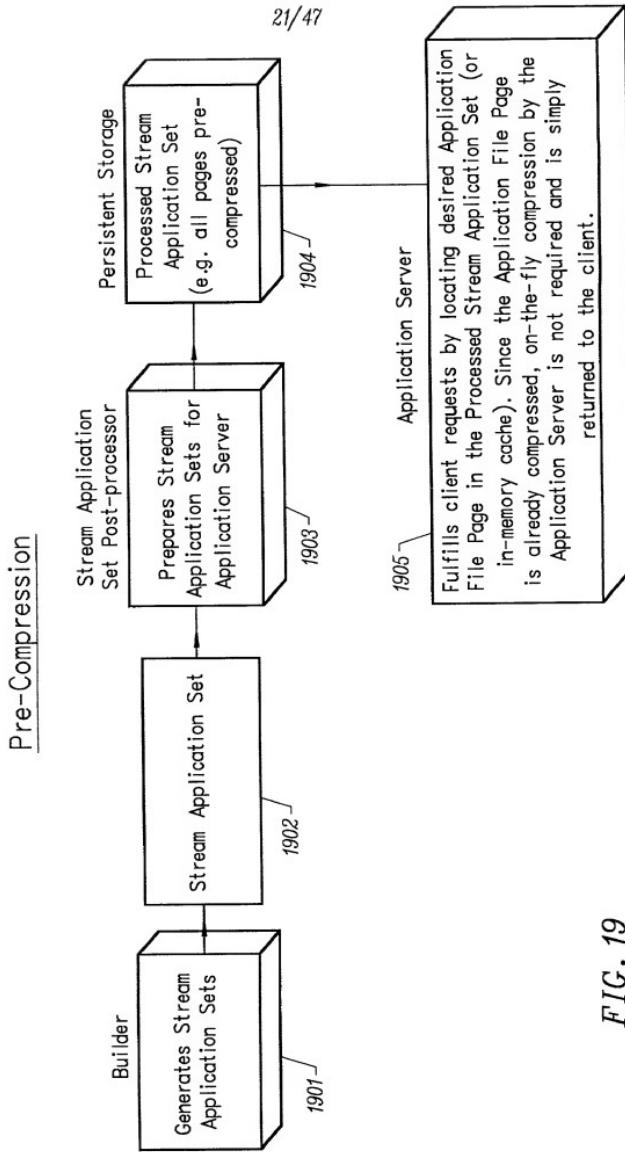
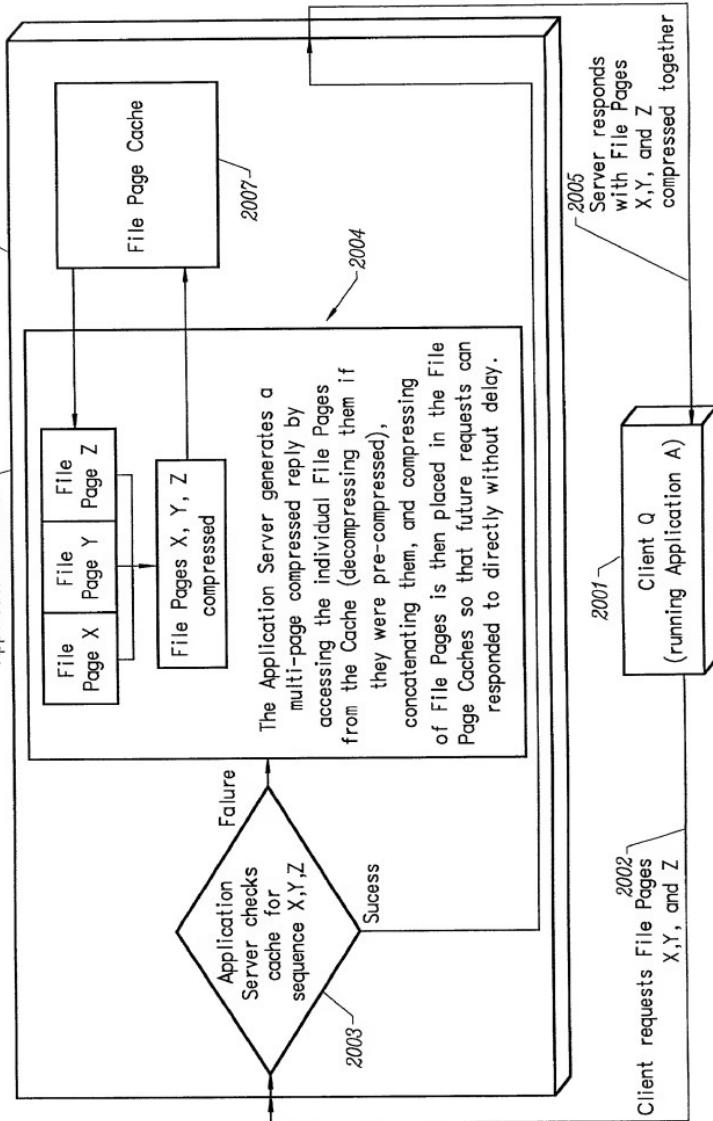


FIG. 19

FIG. 20

Multi-Page Compression

Application Server ↴



Profile-based Prefetching

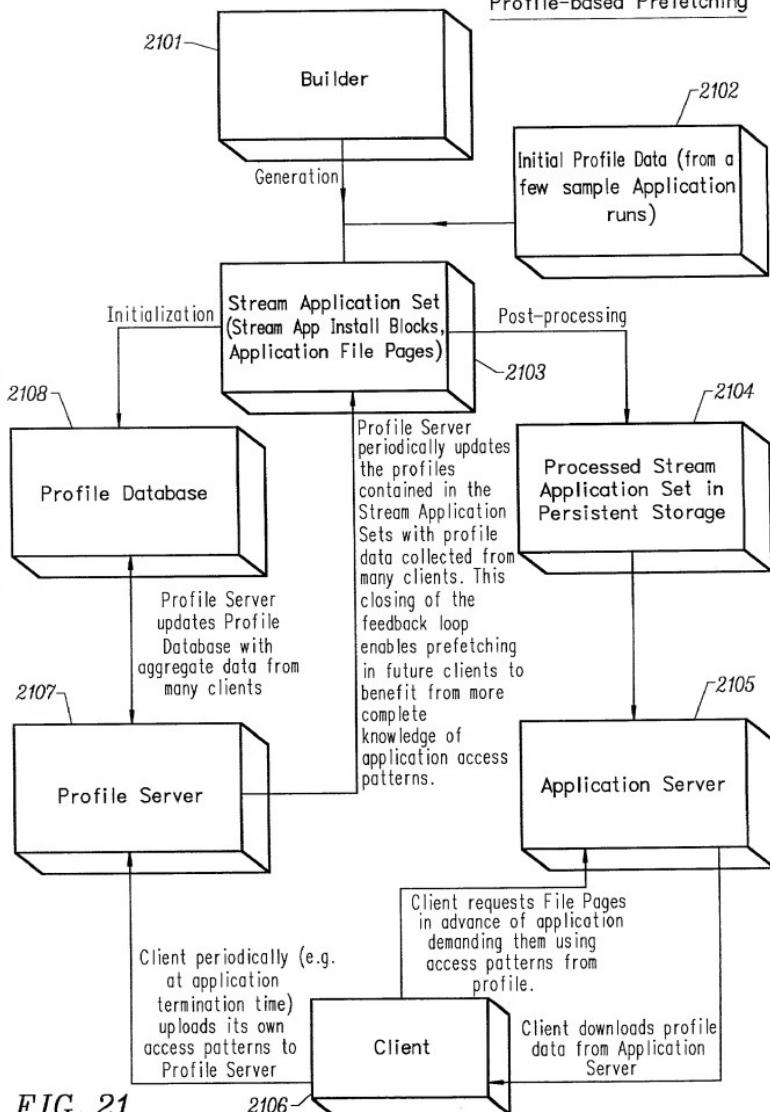


FIG. 21

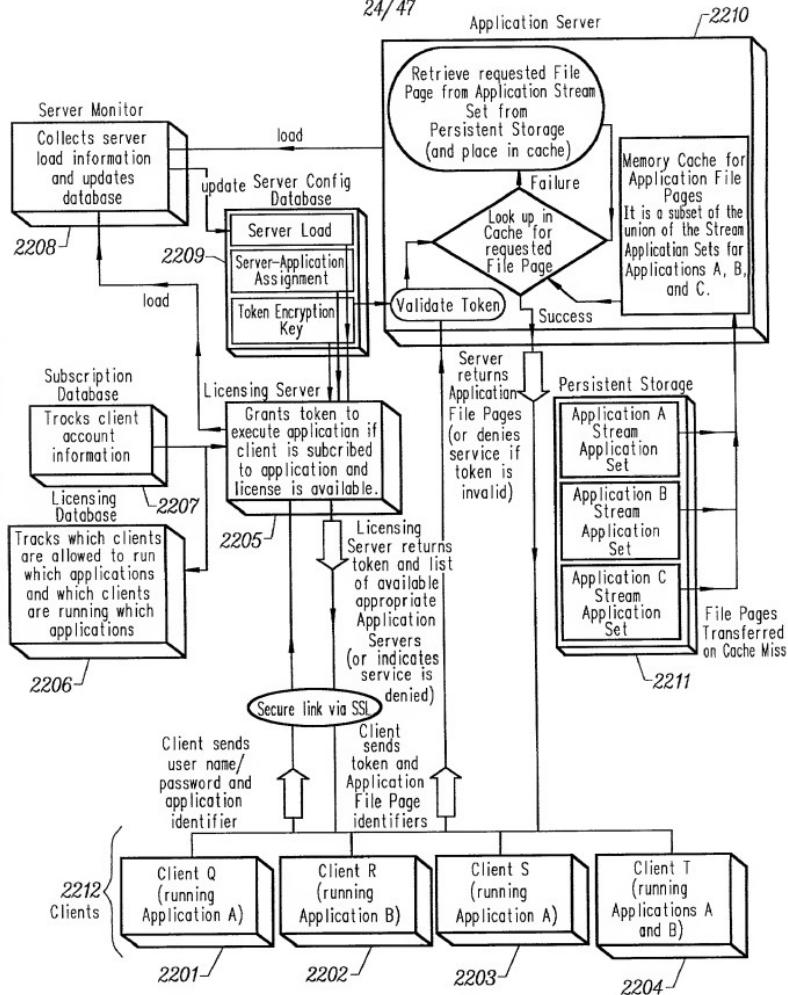


FIG. 22

Builder Install Monitor (IM) Control Flow Diagram

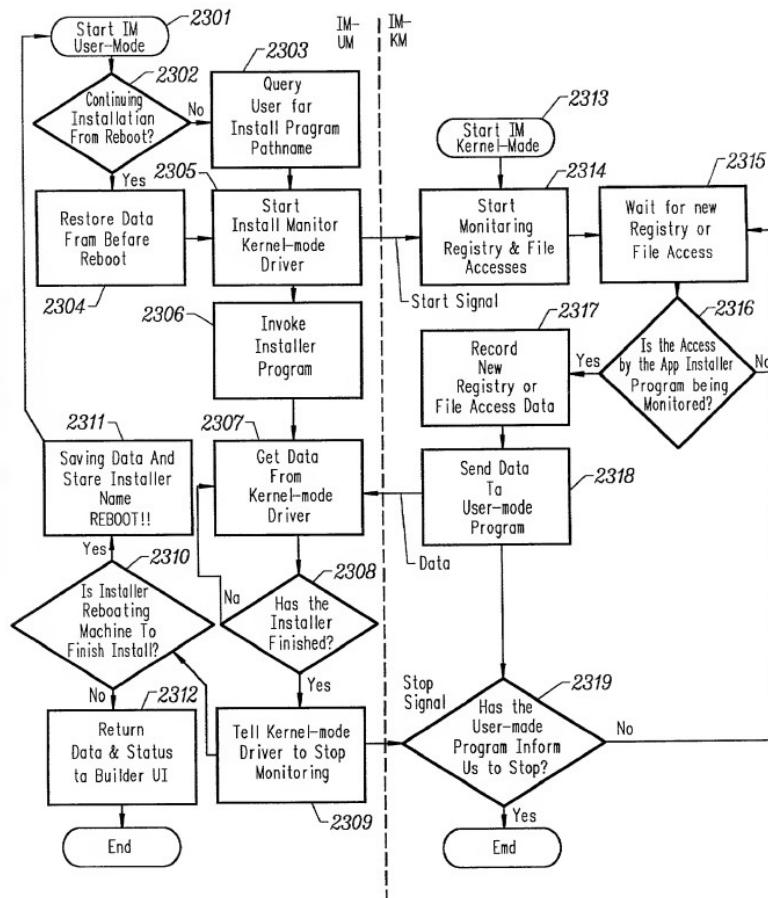


FIG. 23

Builder Application Profiler (AP) Control Flow Diagram

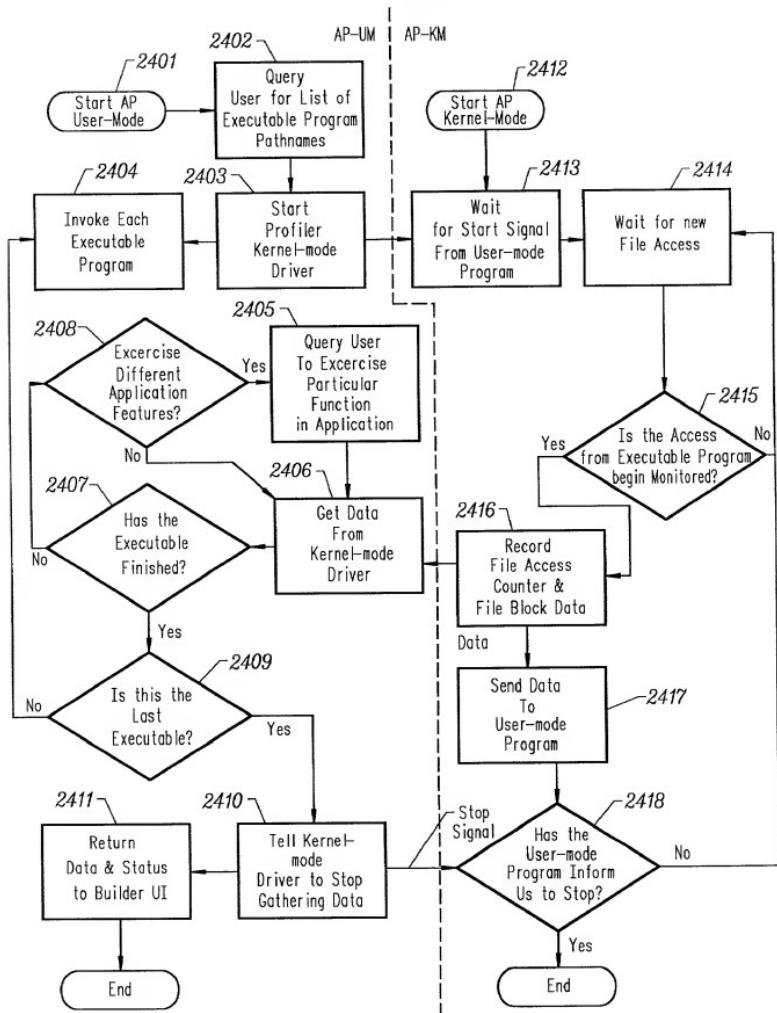


FIG. 24

Builder SAS Packager (SP) Control Flow Diagram

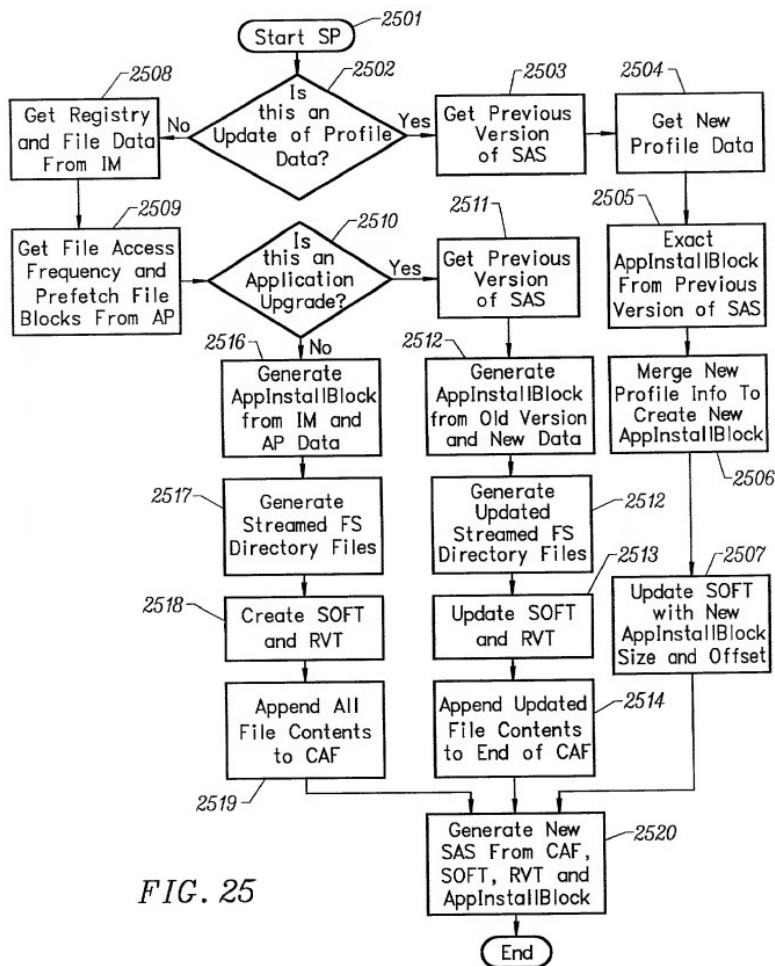


FIG. 25

2025 RELEASE UNDER E.O. 14176

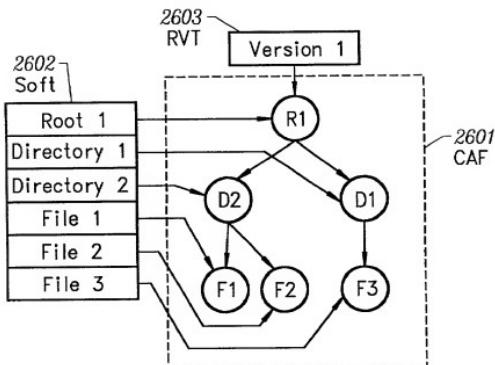


FIG. 26A

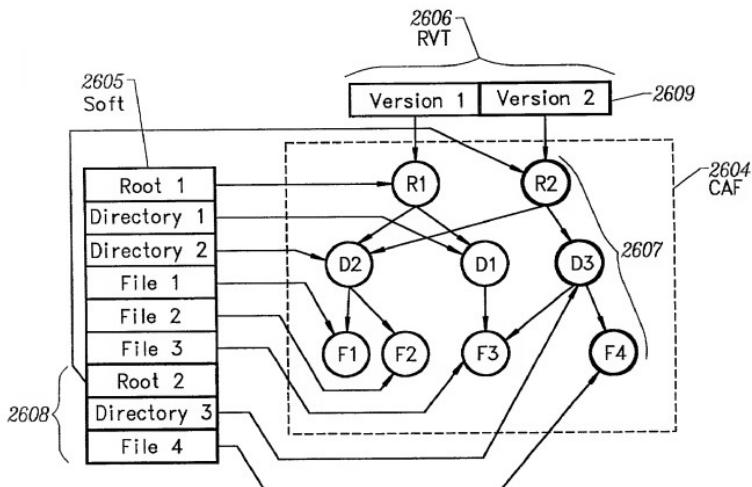


FIG. 26B

Streamed Application Set (SAS) Builder Data Flow Diagram

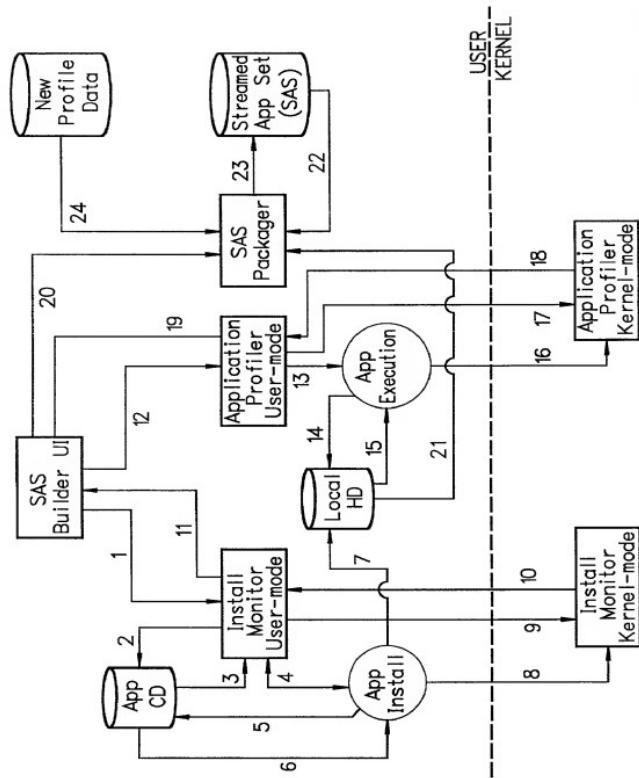


FIG. 27

TOUCHID: "2B992960"

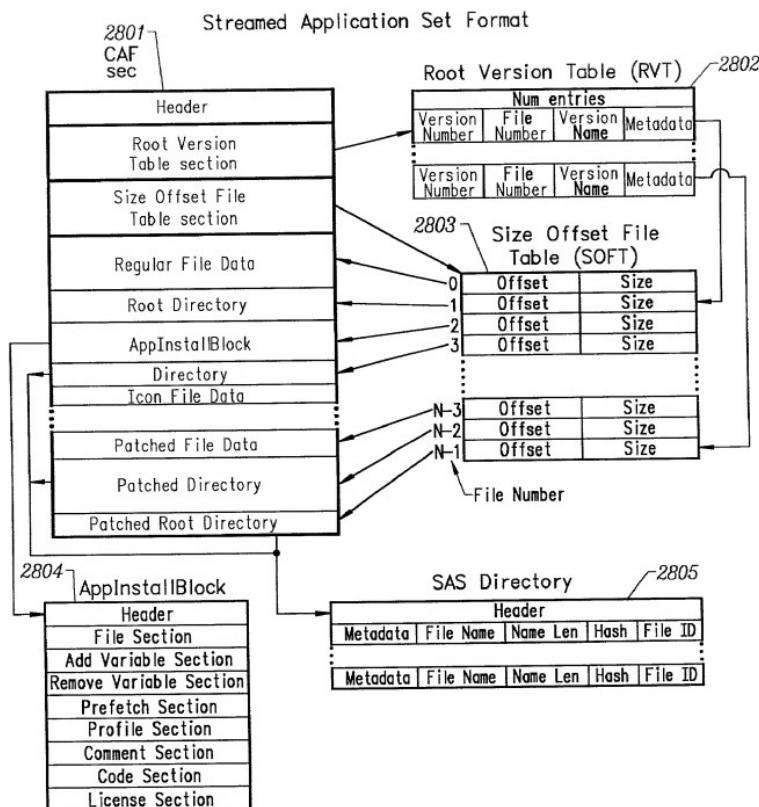


FIG. 28

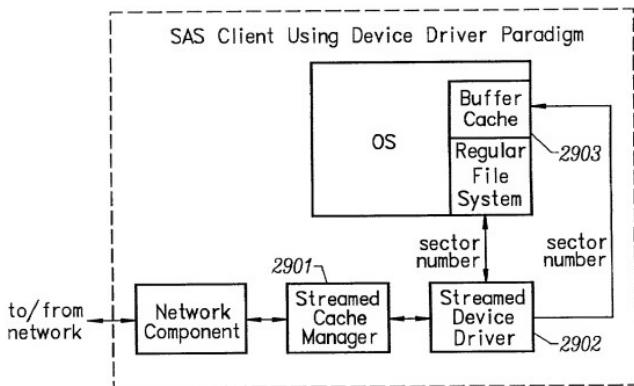


FIG. 29

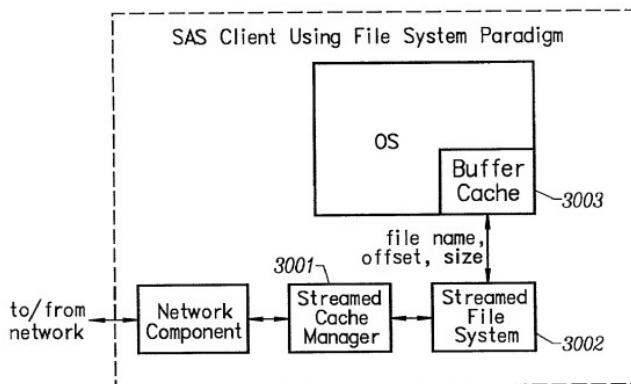


FIG. 30

Diagram illustrating the structure of the AppID (GUID) section (3101 Header). The total size is 16 bytes.

A/B Version		AppID (GUID)			
AppID cont.		Version No	Client OS bitmap	Client OS ServicePack	
Header Byte Size	Number Sections	Section 1 Type (Files)	Section 1 Byte Offset	Section 1 Byte Size	
Section 2 (Registry)		Section 2 Byte Offset	Section 2 Byte Size	Section 3 (Prefetch)	
Section 3 Byte Offset		Section 3 Byte Size	Section 4 (Profile)	Section 4 Byte Offset	
Section 4 Byte Size		Section 5 (Comments)	Section 5 Byte Offset	Section 5 Byte Size	
Section 6 (Code)		Section 6 Byte Offset	Section 6 Byte Size	App Name Length	Application Name (x bytes)

FIG. 31A

Section 1
Offset

Diagram illustrating the structure of the Section 1 offset (3102 File). The total size is x bytes.

Flags	NumChildren	Directory Name Length	Directory Name (x bytes)	
Flags	File version	File Name Length	Data Length	File Name (x bytes)
File Name (x bytes) cont.		Data Content (x bytes)		

FIG. 31B

Section 2
Offset

Diagram illustrating the structure of the Section 2 offset (3103 Add/Remove Reg). The total size is x bytes.

Exist File	Number Children	Value Type		Key Name Length	Key Name (x bytes)	Value Data (x bytes)
Key Flag	Value Type	Value Name Length	Value Name (x bytes)		Value Data (x bytes)	

FIG. 31C

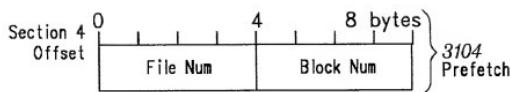


FIG. 31D

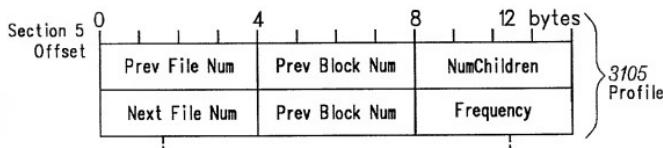


FIG. 31E

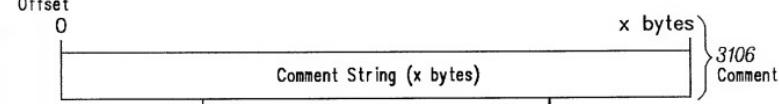


FIG. 31F

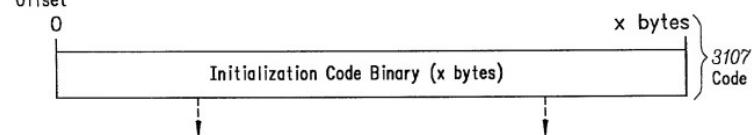


FIG. 31G

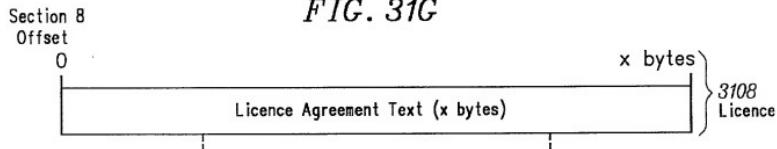


FIG. 31H

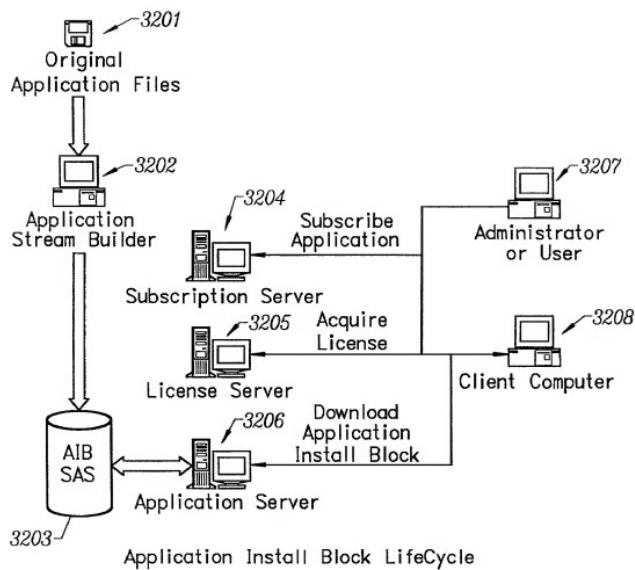


FIG. 32

TOSONO / 0952860

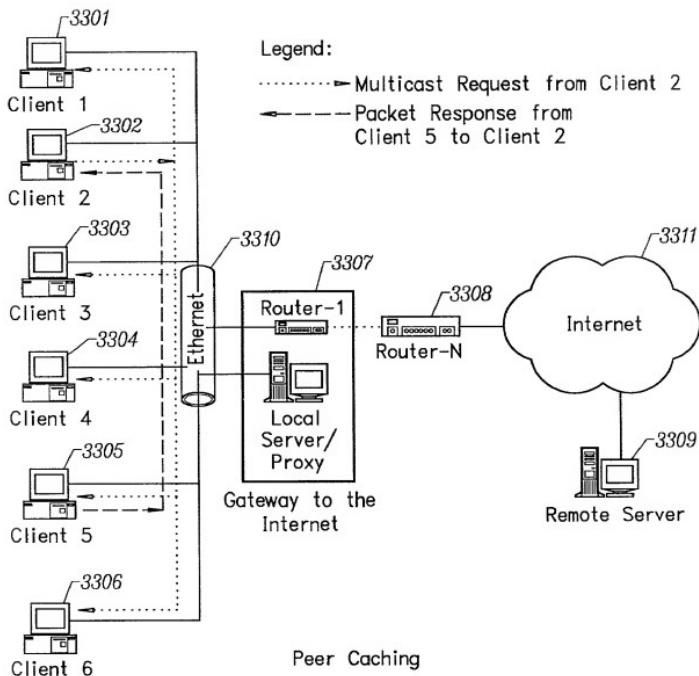


FIG. 33

DISCRETE-CODED

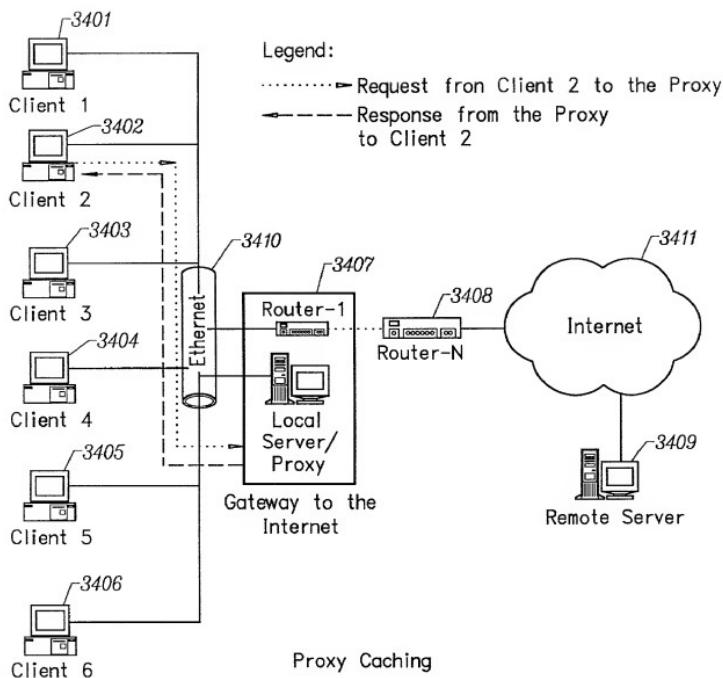


FIG. 34

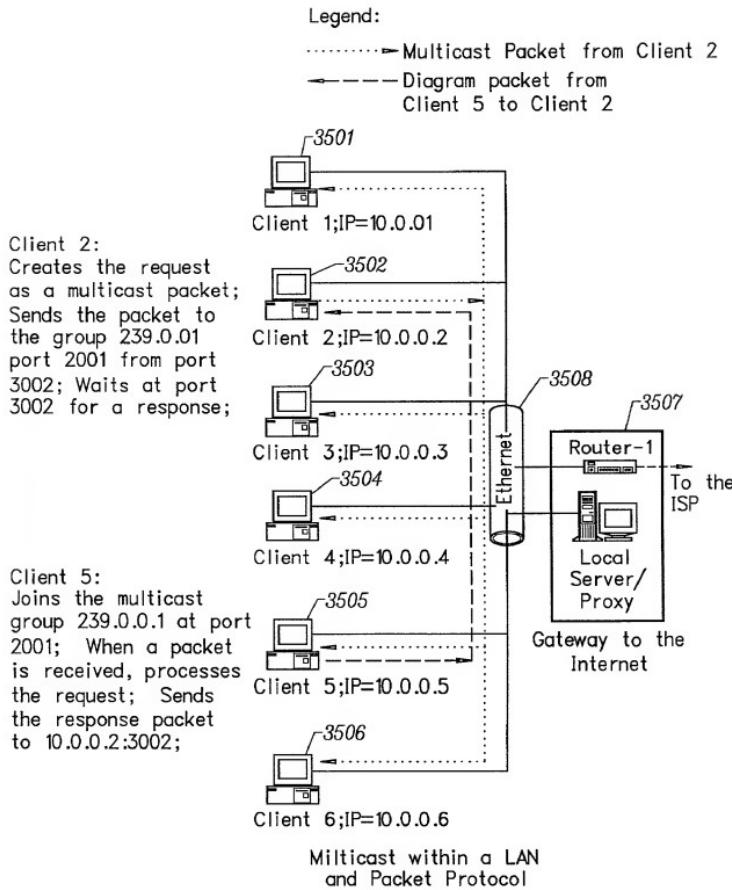
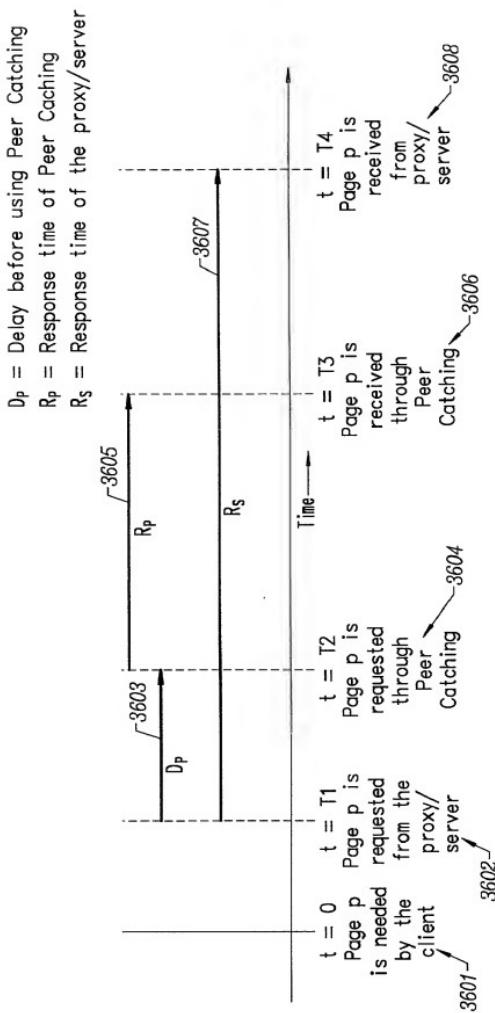


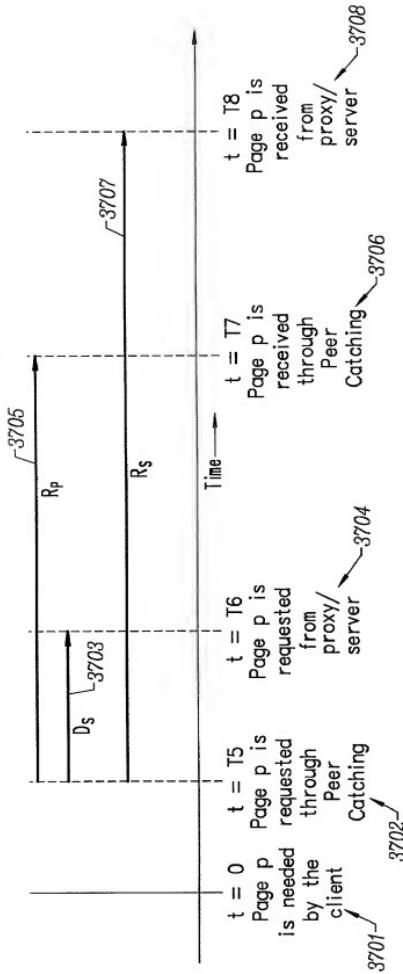
FIG. 35



Concurrent Requesting – Proxy First

FIG. 36

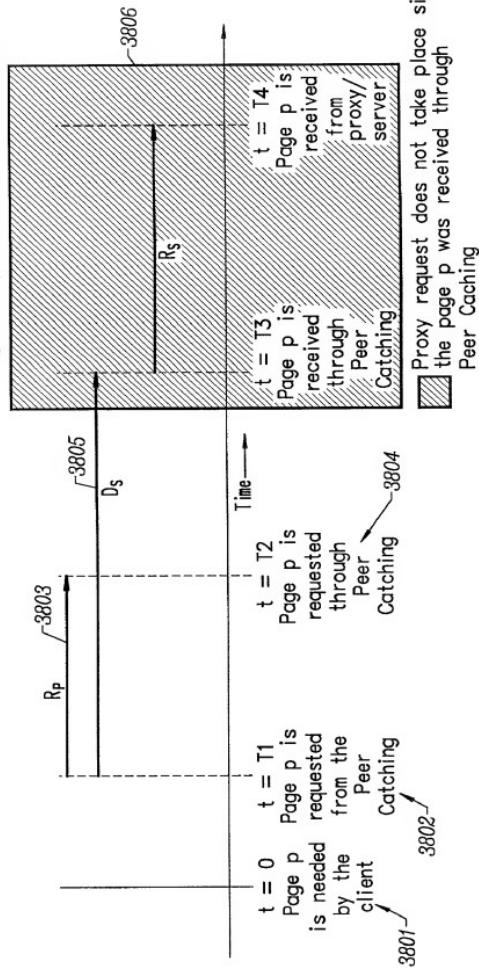
D_s = Delay before requesting proxy/server
 R_p = Response time through Peer Caching
 R_s = Response time of the proxy/server



Concurrent Requesting – Peer Catching First

FIG. 37

D_s = Delay before requesting proxy/server
 R_p = Response time through Peer Caching
 R_s = Response time of the proxy/server



Concurrent Requesting – Peer Caching Only

FIG. 38

Legend:

- → Multicast Request from Client 2
- ←----- Packet Response from Client 5 to Client 2
- Client 1 gets its request fulfilled by the proxy
- ←----- Client 3 gets its request fulfilled by the server through the proxy

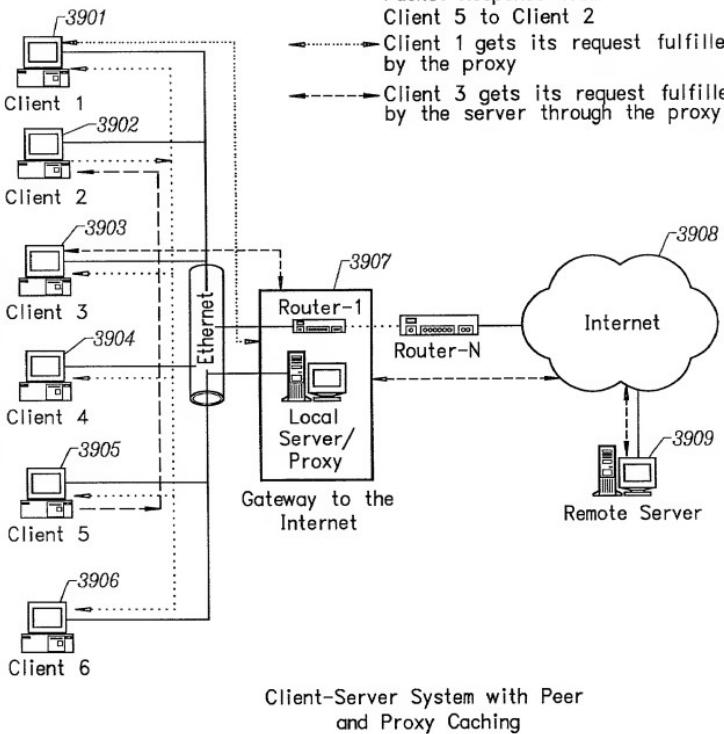


FIG. 39

Preventing Piracy of Remotely Served,
Locally Executed Applications

Version 2022-03-20

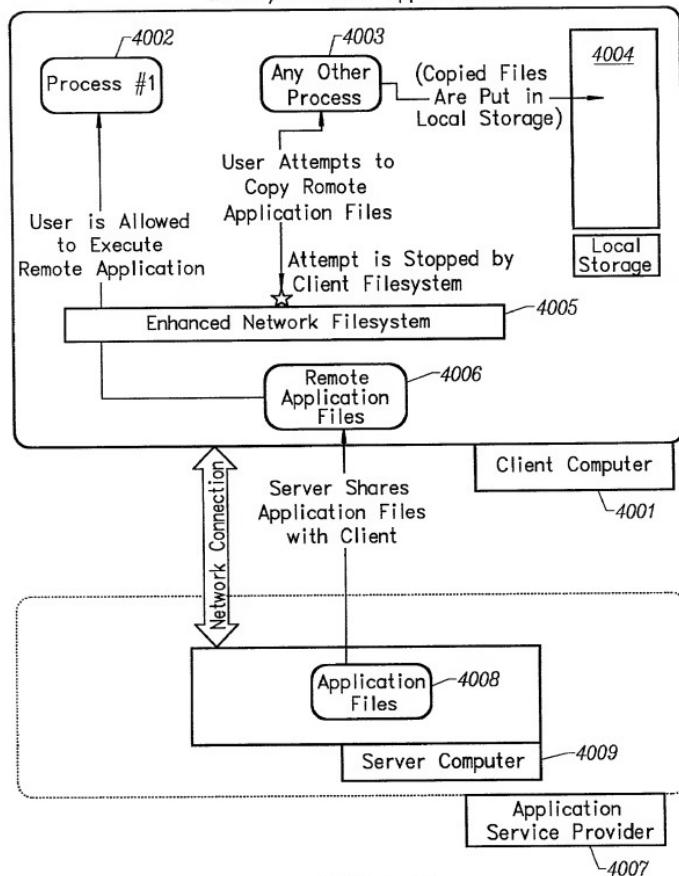


FIG. 40

Filtering of Accesses to Remote Application Files

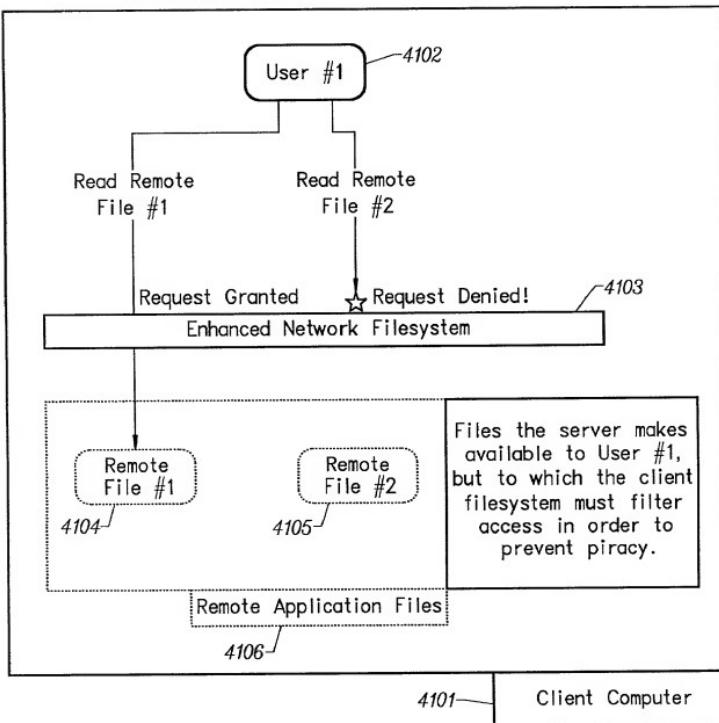


FIG. 41

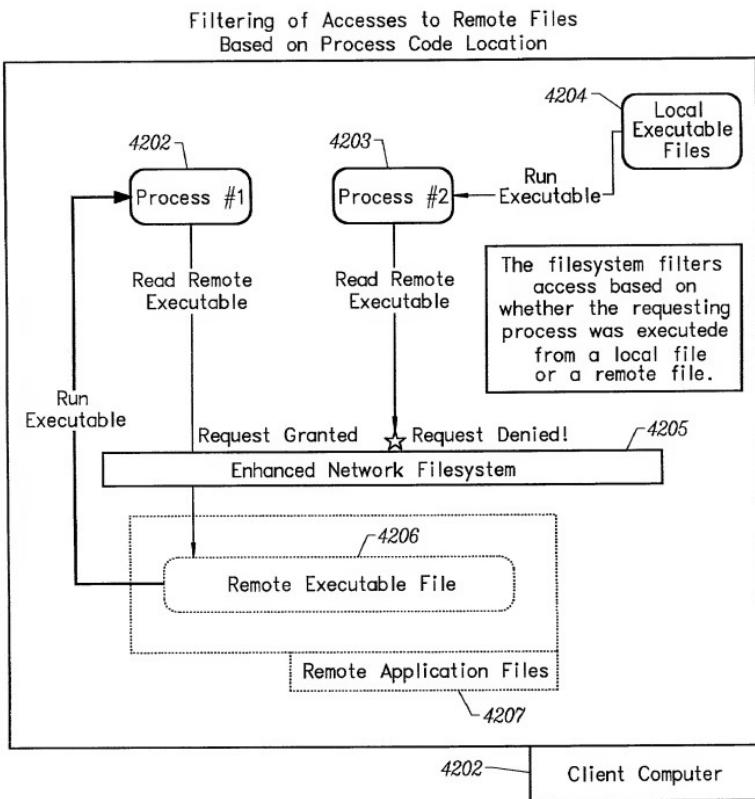


FIG. 42

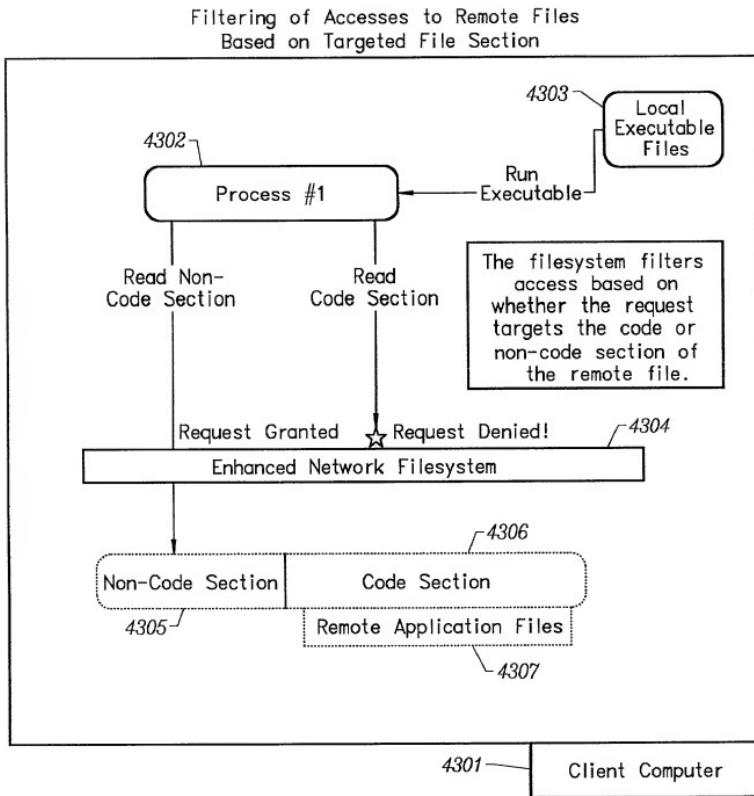


FIG. 43

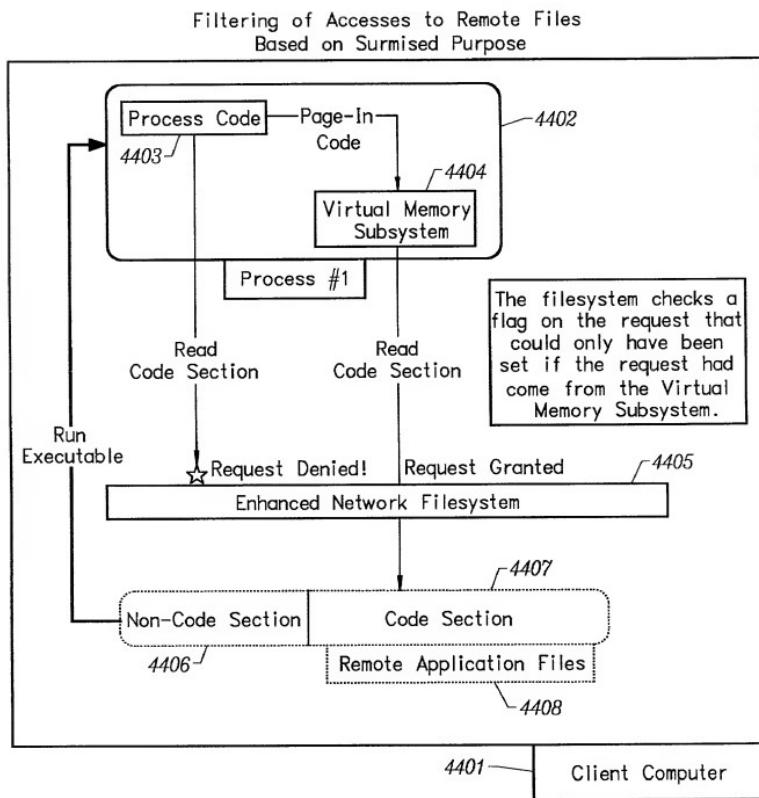


FIG. 44

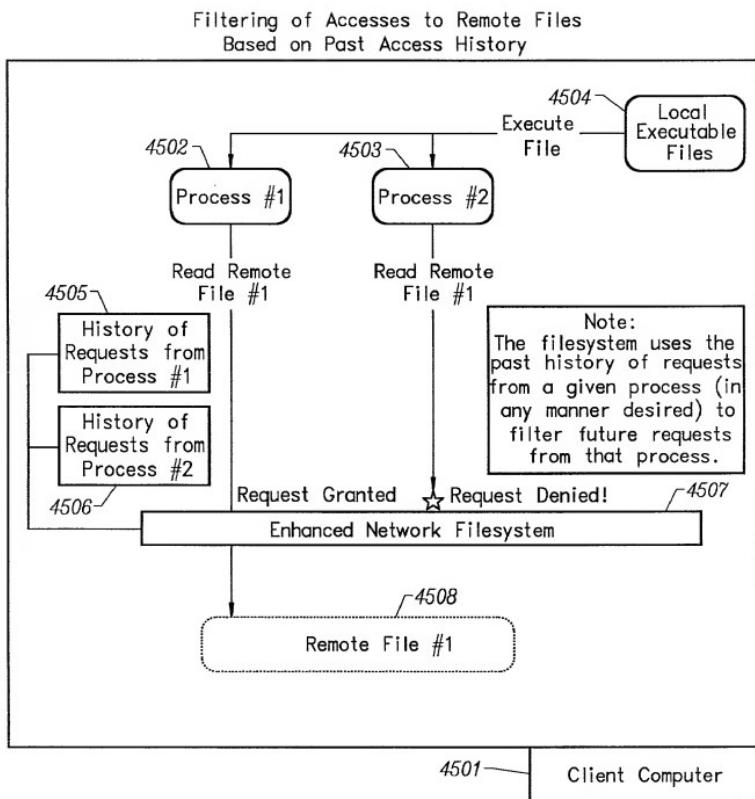


FIG. 45